

## **MOTORCYCLE HEADLIGHT ASSEMBLY**

### **Abstract of the Disclosure**

An adjustable motorcycle headlight with multiple degrees of freedom enables the rider to aim the light where it is needed, as well as facilitating the factory assembly process by enabling fine adjustment after the headlight is mounted. The motorcycle headlight is attached to the frame via a ball and socket structure cooperatively coupled to at least one positioning arm provided in tandem with the ball and socket structure for accommodating and stabilizing the movement of the ball and socket joint and locking same in position. The positioning arm includes a series of straight segments rotatably attached to one another via adjusters which can be loosened to enable adjustment, and tightened to affix the positioning arm into place. The combination of the ball and socket joint with a pair of positioning arms also provides a stable, robust three-point attachment mount for the headlight.